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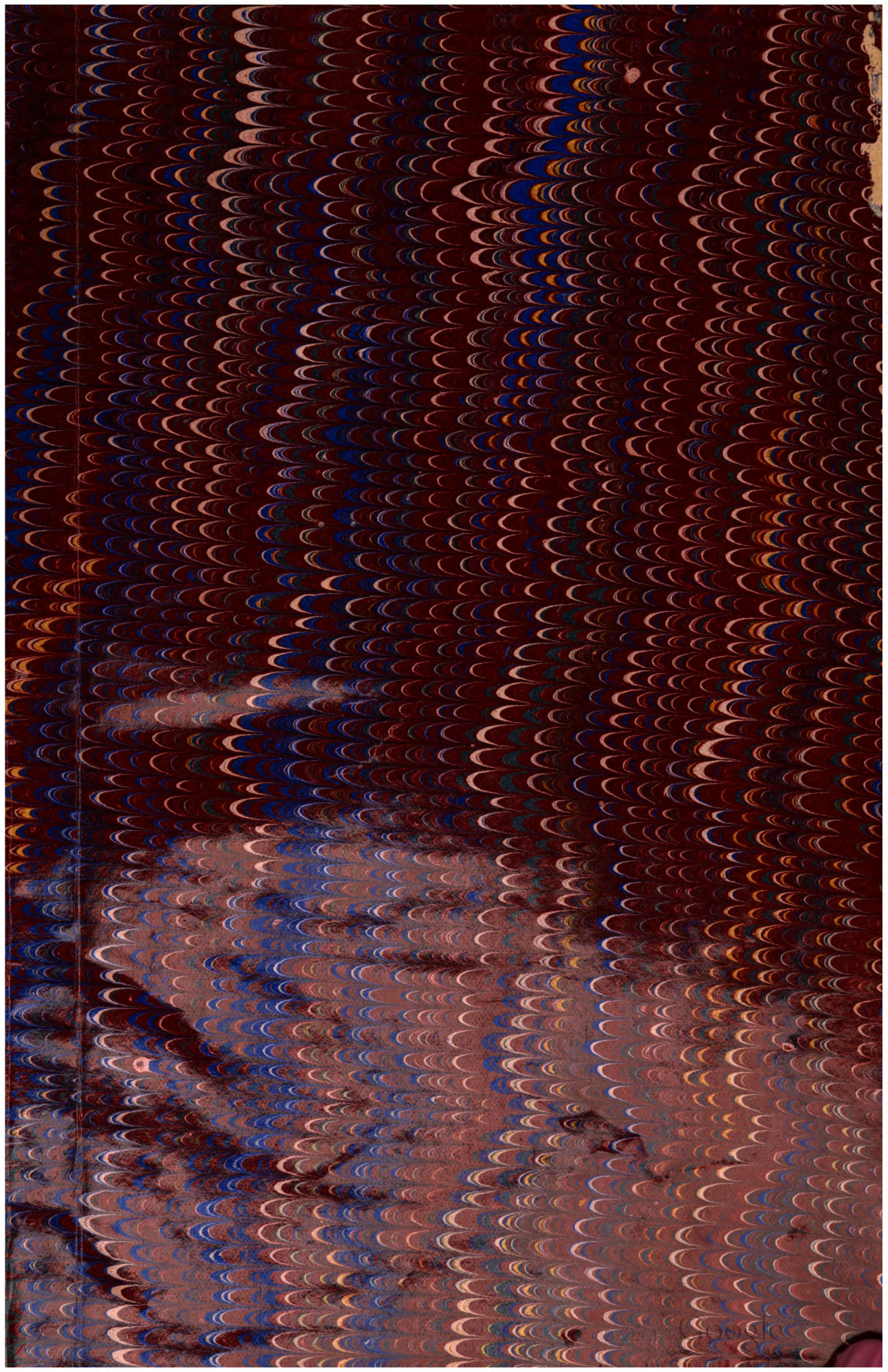

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BRITISH FOSSILS.

CAINOZOIC OR TERTIARY.

Newer Pliocene, Freschwater.

1 Succinea Pfeifferi
2 Zua lubrica
3 Limnaea truncatula
4 Planorbis spirorbis
5 Helix rotundata
6 Helix nemoralis

Older Pliocene, Crag.

8 Theonoa globosa
9 Eschara & other Bryozoa

Cirripeda.

10 Balanus tintinnabulum
10 (*bis*) Balanus concavus
11 Balanophyllia calyculus

Conchifera.

12 Mactra ovata
13 Tellina obliqua
14 Artemis lentiformis
15 Cardita senilis
16 Astarte bipartita

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17 Pectunculus glycimeris
18 Cardium Parkinsoni
19 Cyprina Islandica
20 Terebratula variabilis
21 Pecten maximus

Gasteropoda.

22 Turritella incrassata
23 Trivia Europaea (Cypraea)
24 Litorina littorea
25 Natica multipunctata
26 Buccinum Dalei
27 Nassa reticosa
28 Purpura crispata
29 Purpura tetragona
30 Fusus costiferus
31 Fusus contrarius

Pisces.

32 Tooth of Carcharodon megalodon
33 Bones of Platax Woodwardii
34 Fragment of bone of Cetacea

EOCENE, LONDON CLAY.

Zoophytes.

35 Paracyathus caryophyllus
36 Astraea Websteri
37 Nipadites umbonatus, and Fossil fruits
38 Fossil fruits and Nipadites
39 Fossil fruits

Crustacea.

40 Basinotopus Lamarckii
41 Id. Id. with claws
42 Zanthopsis Leachii
43 Id. Id. the claws very perfect
43 (*bis*) Pholadomya margaritacea

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Conchifera.

44 Pectunculus deletus
45 Id. decussatus
46 Id. brevirostrum
47 Venericardia planicosta
48 Cassatella sulcata.
49 Venericardia globosa
50 Chama squamosa
51 Nucula amygdoloides
52 Astarte rugata
53 Cryptodon angulatus
54 Cytherea incrassata
55 Cyrena obovata
56 Id. cuneiformis
57 Teredo antenautae

Gasteropoda.

58 Planorbis euomphalus
59 Potamidum cinctum
60 Paludina lenta
61 Ancillaria subulata
62 Melanopsis fusiformis
63 Dentalium striatum
64 Turritella imbricataria
65 Cerithium Charlesworthii (casts)
66 Infundibulum trochiforme
67 Phorus agglutinans
68 Id. extensus
69 Globulus patulus
70 Id. ambulacrum
71 Murex tripteroides (?)
72 Rostellaria rimosa
73 Pleurotoma macilenta
74 Id. colon
75 Fusus porrectus
76 Id. regularis

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77 Fusus longaevus
78 Voluta luctatrix
79 Rostellaria macroptera

Cephalopoda.

80 Nautilus

Pisces.

81 Vertebra of Tetrapterus priscus
82 Id. embedded in matrix
83 Otodus obliquus
84 Id. Id.
85 Lamna crassidens
86 Id. elegans
87 Myliobates striatus (palate)
88 Fragment of Chelone
89 Head bones of fish
90 Portion of Hoploparia Bellii (?)

MESOZOIC OR SECONDARY.

CHALK FORMATION.

Amorphozoa.

91 Sponge in flint
92 Id. Id.
93 Id. Id.
94 Id. Id.
95 Ventriculites variatus in flint
96 Id. in flint
97 Id.
98 Id. radiatus (?)
99 Id. quadrangularis
100 Id. alcyonoides
101 Polypothecia infundibulum (?)

Zoophyta.

102 Parasmilia centralis.

Crinoidea.

103 Bourgeticrinus ellipticus (root)
104 Id. Id. (head)

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Asteriadae.

105 Goniaster regularis (plates)

Echinidae.

106 Ananchytes conoideus
107 Id. ovatus
108 Id. Id. (attached to flint)
109 Id. (flint cast)
110 Galerites albogalerus
111 Id. (embedded in flint)
112 Micraster coranguinum
113 Id. (flint cast)
114 Cyphosoma corollare (?)
115 Cidaris vesiculosa (plates with spines attached)
116 Id. sceptrifera (plates with spines)
117 Id. sulcata (a group of spines)
118 Id. clavigera

Annellidae.

119 Serpula plexus
120 Id. antiquata
121 Vermilla ampullacea

Conchifera.

122 Plagiostoma spinosum
123 Id. Id.
124 Id. Id. (showing inner valve)
125 Id. Hoperi, (Lima)
126 Ostrea carinata
127 Id. semiplana
128 Pecten nitidus (on flint)

Brachiopoda.

129 Terebratula subrotundata
130 Id. (in flint)
131 Inoceramus (portion of hinge)

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Cephalopoda.

132 Nautilus elegans
133 Ammonites Rhotomagensis (?)
134 Id. varians
135 Id. Mantellii
136 Belemnites mucronatus

Pisces.

137 Dercetis elongatus
138 Beryx ornatus
139 Id. Id. (portion of head)
140 Vertebra of fish
141 Ptychodus altior (Palate)
142 Macropoma Mantellii (Coprolite)
143 Oxyrhina Mantellii

UPPER GREENSAND.

Amorphozoa.

144 Polypothecia agariciformis
145 Id.
146 Siphonia pyriformis
147 Orbitolina concava

Echinodermata.

148 Holaster laevis
149 Nucleolites lacunosa
150 Discoidea subuculus
151 Salenia petalifer
152 Micrabacia Konigi (Fungia coronula)

Conchifera.

153 Cyprina angulata
154 Id. cuneata
155 Astarte striata
156 Gryphaea conica
157 Trigonia caudata
158 Id. daedalia

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159 Avicula anomala

160 Cardium Hillanum with Pectunculus umbonatus

160 (*bis*) Sphaera corrugata

161 Pecten asper

161 (*bis*) Thetis minor

162 Pecten quinquecostata

163 Gervillia rostrata

Cephalopoda.

164 Ammonites variabilis

Pisces.

165 Otodus appendiculatus

GAULT.

Zoophyta.

166 Trochocyathus conulus

Conchifera.

167 Inoceramus concentricus

168 Cardita tenuicostata

169 Nucula pectinata (cast)

Brachiopoda.

170 Terebratula obtusa

171 Rhynchonella sulcata

Gasteropoda.

172 Pleurotomaria

Cephalopoda.

173 Belemnites attenuatus

174 Hamites maximus

175 Ammonites tuberculatus

Pisces.

176 Otodus appendiculatus

177 Vertebra

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LOWER GREENSAND.

Amorphozoa.

178 Coral with shells attached

179 Spongia (?) (Brachiolites)

WEALDEN.

180 Endogenites erosa

181 Impressions of Lonchopteris Mantellii.

182 Paludina elongata in Hastings Sands

183 Id. in Limestone

184 Purbeck marble polished

185 Paludina fluviorum (cast)

186 Fragments of bones & teeth

OOLITIC GROUP.

Zoophyta.

187 Caryophyllia annularis

188 Astrea explanata

188 (*bis*) Id. oblonga in Chert.

Echinodermata.

189 Hemicidaris crenularis

190 Apiocrinus rotundus

191 Id. (root of)

192 Clypeus sinuatus

Conchifera.

193 Pholadomya Murchisoni

194 Astarte excavata

195 Trigonia costata

196 Id. clavellata

197 Lima rigidum

198 Pecten aequivalvis

199 Id. articulatus

202 Gryphaea sinuata

203 Modiola plicata

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Brachiopoda.

204 Terebratula incostans
205 Id. intermedia
206 Id. maxillata
207 Rhychonella concinna et spinosa
207 (*bis*) Polished section of Septarium, or Turtle stone from the Oxford Clay

Gasteropoda.

208 Terebra Portlandica (casts in Portland stone, Isle of Portland)
209 Pleurotomaria scalaris

Cephalopoda.

210 Ammonites Elizabethae
211 Id. Parkinsoni
212 Id. Serpentinus
213 Id. perarmatus (partly coated with Ostrea and Serpula)
214 Id. sublaevis
215 Nautilus, polished section with crystals of calcareous Spar lining the cavities

Pisces.

216 Strophodus tenuis
217 Hybodus grossiconus
218 Pycnodus Bucklandi

LIAS.

Plantae.

220 Lycopodites uncifolius
221 Neuropteris lobifolia

Echinodermata.

222 Pentacrinites basaltiformis (partly coated with Pyrites)
223 Id. Briareus
224 Lias limestone landscape, or ruin marble

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Conchifera.

225 Avicula cygnipes

225 (*bis*) Rhynchonella tetrahedra

226 Mass of Lima, Avicula etc.

226 (*bis*) Gryphaea biloba (?)

Cephalopoda.

227 Belemnites tornatilis

228 Mass of Ammonites annulatus, and casts partly coated with Pyrites

229 Ammonites obtusus, (polished section) the Chambers lined with Carbonate of Lime

230 Nautilus striatus (polished section) partly coated with crystals of Calcareus Spar

Pisces.

231 Pholidophorus Becchii

232 Dapedius politus

233 Acrodus nobilis

Reptilia.

234 Tooth of Ichthyosaurus

235 Vertebra do.

237 Coprolite of Saurian

TRIASSIC SYSTEM.

238 Fragments of bones, and Coprolites, with Iron Pyrites

239 Teeth, Coprolites, Fragments of bones, and vertebra with Pyrites at the base

PALAEOZOIC OR PRIMARY.

PERMIAN SYSTEM, MAGNESIAN LIMESTON.

Bryozoa.

241 Fenestella retiformis

Conchifera.

242 Producta horrida

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PALAEOZOIC SERIES.

Pteroides.

243 Asterophyllites

244 Calamites

245 Lepidodendron Sternbergii in nodule of clay Iron Stone

Filices.

246 Neuropteris gigantea

247 Id. Loshii

248 Peropteris Serlii

Conchifera.

249 Orbicula nitida

250 Venus Carbonaria

251 Unio aquilinus

Pisces.

252 Scales of Megalichthys Hibberti

252 (*bis*) Spine of Gyracanthus formosus

CARBONIFERUS LIMESTON.

Zoophita.

253 Lithostrotion affine

254 Id. basaltiforme

255 Id. floriforme (transverse sections)

256 Caninia (polished)

257 Cyathophyllum (section)

Echinodermata.

258 Crinoidal stems

259 Casts of Crinoidal stems, or "Screw stones"

260 Longitudinal and Transverse section of Crinoidal stems (polished)

261 Matrix of Mountain Limestone

Brachiopoda.

262 Spirifer striatus

263 Id. cuspidatus

264 Rhynchonella reniformis

265 Producta Martini, et Producta semireticulatus

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Cephalopoda.

267 Nautilus carinatus

Pisces.

268 Fragments of Ichthyodorulite

DEVONIAN SYSTEM.

Zoophita.

269 Favosites polymorpha

269 (*bis*) Casts of Crinoidal stems, Orthis etc.

270 Acervularia Raemeri

270 (*bis*) Leptaena, Fenestella and Orthis in schistose rocks

Pisces.

271 Scales of fish

SILURIAN SYSTEM.

272 Halysites catenulatus

273 Cystiphyllum cylindricum

274 Calymene Blumenbachii

275 (*a*) Rhynchonella (*b*) Atrypa, (*c*) Strophomena and Crinoidal stems on slab of Dudley Limestone

276 (*a*) Leptaena euglypha with (*b*) Atrypa reticularis (*c*) Cyathophyllum, (*d*) Favosites etc.

277 Leptaena euglypha

278 Strophomena depressa

279 Pentamerus Knightii

280 Euomphalus rugosus

281 Cystiphyllum

282 (*a*) Avicula (*b*) Calymene (*c*) Fenestella etc.

283 Graptolithus ludensis

284 Oxygia Buchii

285 Portion of Asaphus tyrannus

286 Fragments of Oxygia

287 Siliceous Conglomerate, or Plum Pudding Stone

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288 Serpulites largissimus
289 Chonetes sarcinulata
290 Asaphus (Phaeops) caudatus
291 Illaenus
292 Leptaena rugosa
293 Avicula Neptuni
294 Id. Id.
295 Pentamerus
296 Rhynchonella

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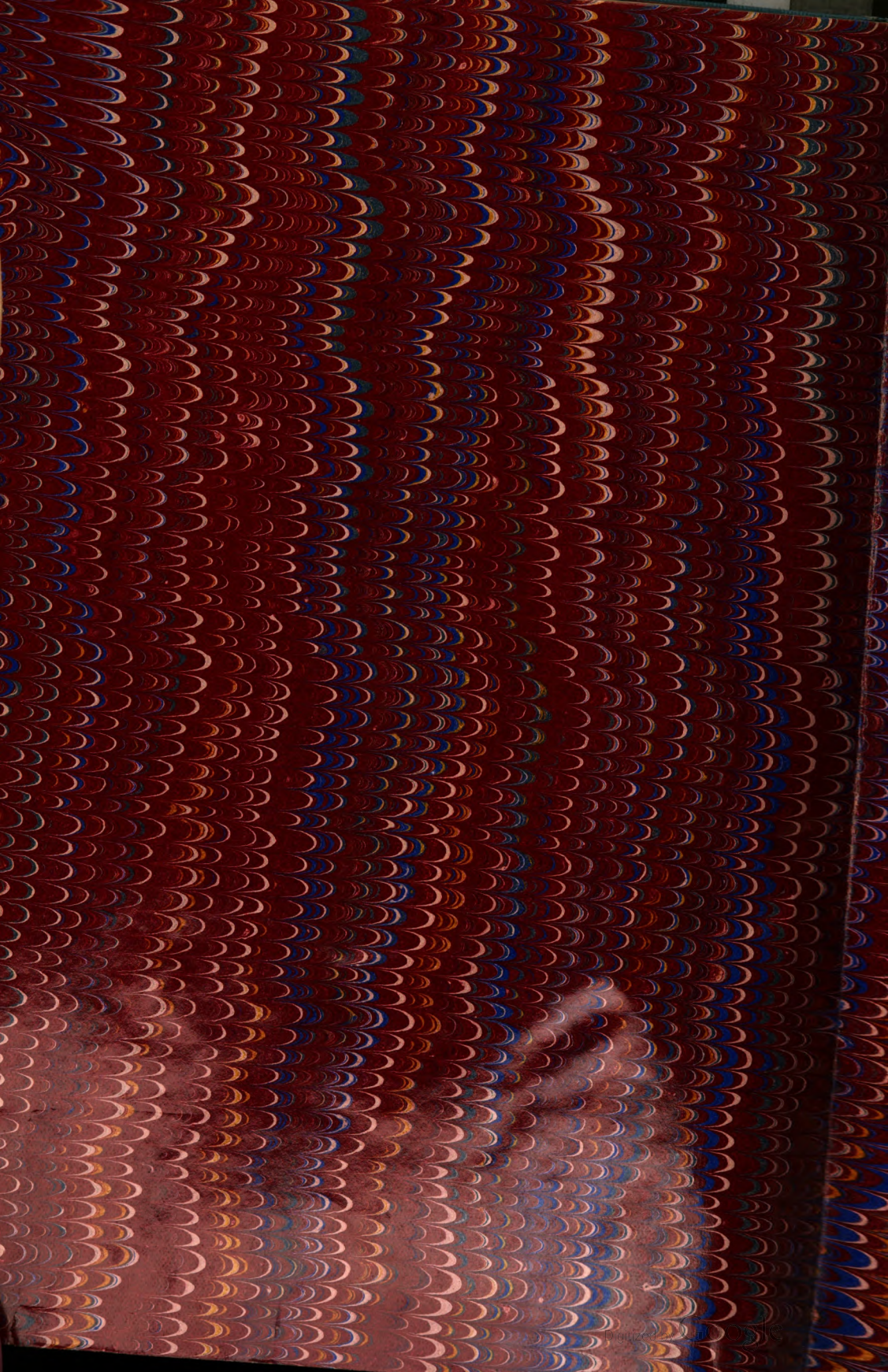

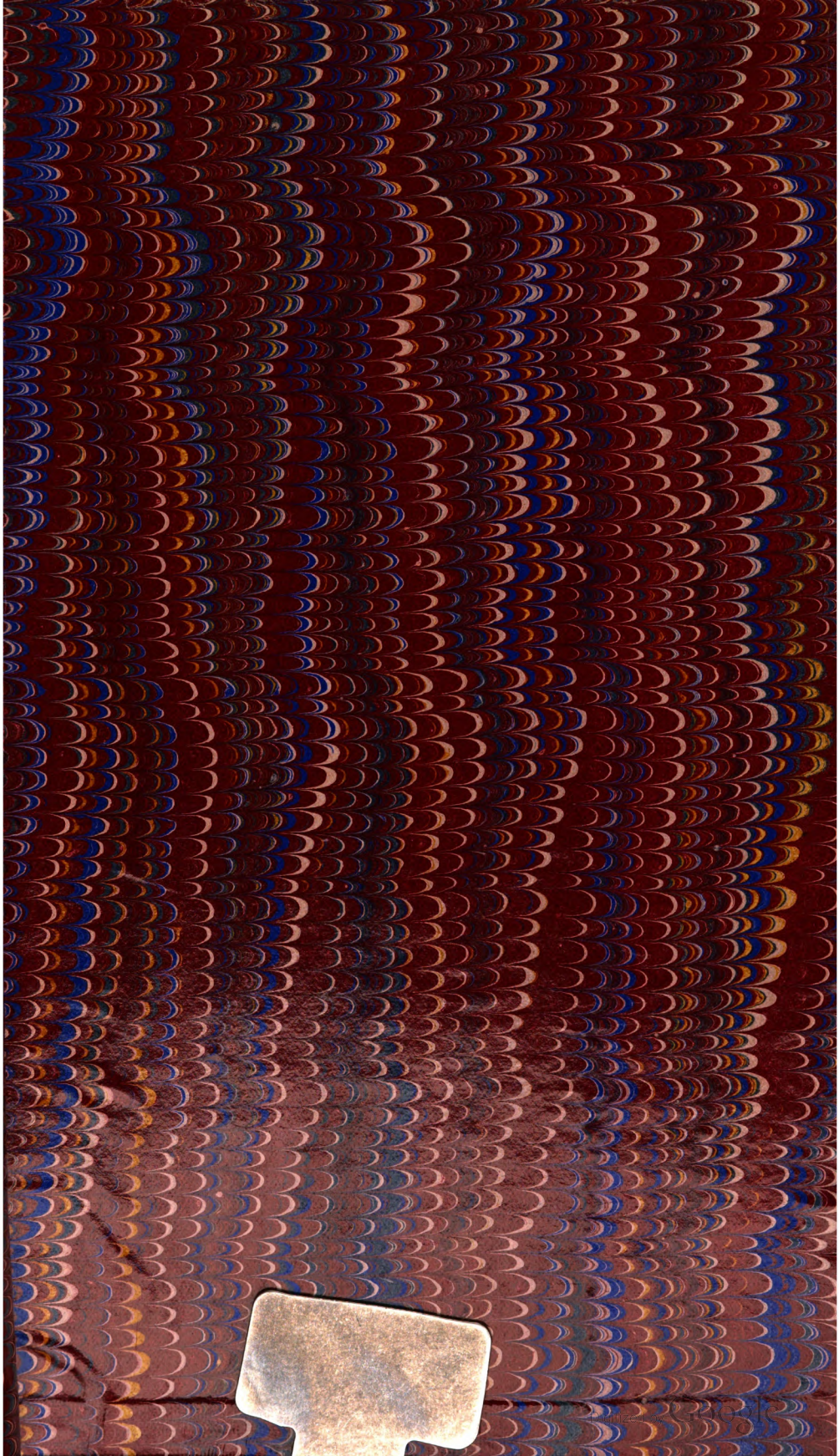

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